

**States Landing Element Pricing**  
(In 000's)

|                             | Group 1            | Group 2     | Group 3     | Group 4                       | Group 5          |
|-----------------------------|--------------------|-------------|-------------|-------------------------------|------------------|
|                             | Dredging           | Boat Launch | CSR/SL Int. | Park                          | Off-Site @ POASI |
| Items:                      | \$400              | \$150       | \$80        | \$70<br>\$60<br>\$85<br>\$320 | \$65             |
| Prof Serv & Des. Dev. @ 15% | \$100              | \$38        | \$20        | \$134                         | \$16             |
| Const., Cont. @ 15%         | \$60               | \$23        | \$12        | \$80                          | \$10             |
| Total                       | \$560              | \$210       | \$112       | \$749                         | \$91             |
|                             | Total All Elements |             |             | \$1,722                       |                  |

Prepared 06/06/14

# States Landing Park Conceptual Design

## Opinion of Probable Project Cost

05/26/14

Rev 5/29/14

Moultonborough, New Hampshire

# DRAFT

g2 + 1 LLC

| No.   | Item of Work  | Notes           | Qty.  | Units | Unit Cost | Total    |
|---|---|-----------------|-------|-------|-----------|----------|
| <b>OPTION 1: Traller/Car Parking Lot on States Landing Road - Paved (15,500 SF)</b>               |   |                 |       |       |           |          |
|   | Mobilization  | Allowance       | 1     | LS    | \$3,000   | \$3,000  |
|   | Clearing and Grubbing   |                 | 1     | LS    | \$2,000   | \$2,000  |
|   | Excavation & Embankment (Cuts & Fills)                            |                 | 1     | LS    | \$5,000   | \$5,000  |
|   | Gravel @ 12"  |                 | 580   | CY    | \$22      | \$12,760 |
|   | Crushed Gravel @ 6"   |                 | 290   | CY    | \$26      | \$7,540  |
|   | 2" HBP Binder Course  |                 | 200   | TN    | \$85      | \$17,000 |
|   | 1" HBP Wearing Course   |                 | 100   | TN    | \$85      | \$8,500  |
|   | HBP Hand Method   |                 | 20    | TN    | \$130     | \$2,600  |
|   | Reflective Paint Pavement Marking - 4" White Line                 |                 | 1000  | LF    | \$0.40    | \$400    |
|   | Landscaping   |                 | 1     | LS    | \$5,000   | \$5,000  |
|   | Hay Bales   |                 | 100   | EA    | \$9       | \$900    |
|   | Silt Fence  |                 | 400   | LF    | \$4       | \$1,600  |
|   | Maintenance of Traffic  |                 | 1     | LS    | \$2,000   | \$2,000  |
|   |   |                 |       |       | subtotal: | \$68,300 |
| <b>OPTION 2: Car Parking Lot on States Landing Road - Paved (14,000 SF) Boat Trailers Offsite</b> |   |                 |       |       |           |          |
|   | Mobilization  | Allowance       | 1     | LS    | \$3,000   | \$3,000  |
|   | Clearing and Grubbing   |                 | 1     | LS    | \$2,000   | \$2,000  |
|   | Excavation & Embankment (Cuts & Fills)                            |                 | 1     | LS    | \$5,000   | \$5,000  |
|   | Gravel @ 12"  |                 | 520   | CY    | \$22      | \$11,440 |
|   | Crushed Gravel @ 6"   |                 | 260   | CY    | \$26      | \$6,760  |
|   | 2" HBP Binder Course  |                 | 180   | TN    | \$85      | \$15,300 |
|   | 1" HBP Wearing Course   |                 | 90    | TN    | \$85      | \$7,650  |
|   | HBP Hand Method   |                 | 20    | TN    | \$130     | \$2,600  |
|   | Reflective Paint Pavement Marking - 4" White Line                 |                 | 800   | LF    | \$0.40    | \$320    |
|   | Landscaping   |                 | 1     | LS    | \$5,000   | \$5,000  |
|   | Hay Bales   |                 | 100   | EA    | \$9       | \$900    |
|   | Silt Fence  |                 | 400   | LF    | \$4       | \$1,600  |
|   | Maintenance of Traffic  |                 | 1     | LS    | \$2,000   | \$2,000  |
|   |   |                 |       |       | subtotal: | \$63,570 |
| <b>OPTION 3: Car Parking Lot on Castle Shore Road - Paved (2,400 SF) Boat Trailers Offsite</b>    |   |                 |       |       |           |          |
|   | Mobilization  | Allowance       | 1     | LS    | \$1,000   | \$1,000  |
|   | Clearing and Grubbing   |                 | 1     | LS    | \$0       | \$0      |
|   | Excavation & Embankment (Cuts & Fills)                            |                 | 1     | LS    | \$2,000   | \$2,000  |
|   | Gravel @ 12"  |                 | 90    | CY    | \$22      | \$1,980  |
|   | Crushed Gravel @ 6"   |                 | 45    | CY    | \$26      | \$1,170  |
|   | 2" HBP Binder Course  |                 | 30    | TN    | \$85      | \$2,550  |
|   | 1" HBP Wearing Course   |                 | 15    | TN    | \$85      | \$1,275  |
|   | HBP Hand Method   |                 | 3     | TN    | \$130     | \$390    |
|   | Reflective Paint Pavement Marking - 4" White Line                 |                 | 200   | LF    | \$0.40    | \$80     |
|   | Landscaping   |                 | 1     | LS    | \$5,000   | \$5,000  |
|   | Hay Bales   |                 | 25    | EA    | \$9       | \$225    |
|   | Silt Fence  |                 | 300   | LF    | \$4       | \$1,200  |
|   | Maintenance of Traffic  |                 | 1     | LS    | \$500     | \$500    |
|   |   |                 |       |       | subtotal: | \$17,370 |
| <b>Castle Shores Road Intersection Improvement</b>  |   |                 |       |       |           |          |
|   | Concept 2: Castle Shores Road Extension                           |                 | 1     | LS    | \$80,000  | \$80,000 |
|   |   |                 |       |       | subtotal: | \$80,000 |
| <b>Rain Gardens (Along States Landing Road)</b>   |   |                 |       |       |           |          |
|   | Constructed of a 6" dia. Underdrain of perforated HDPE pipe, then |                 |       |       |           |          |
|   | starting at bottom filled with 12" of crushed stone, 4" of        | Area A: 1820 SF | 1,820 | SF    | \$15      | \$27,300 |
|   | 3/8" choker stone, followed with an 18" layer of soil filter      | Area B: 725 SF  | 725   | SF    | \$15      | \$10,875 |

g2+1 LLC

|   |   |       |    |           |           |
|---|---|-------|----|-----------|-----------|
| and covered with 3" of shredded bark mulch. Soil planted with wet/sun tolerant perennials and shrub plantings | Area C: 1015 SF                               | 1,015 | SF | \$15      | \$15,225  |
|   | Area D: 1166 SF                               | 1,166 | SF | \$15      | \$17,490  |
|   | Area E: 890 SF                                | 890   | SF | \$15      | \$13,350  |
|   |   |       |    | subtotal: | \$84,240  |
| <b>Rain Garden F (Cutoff Trench thru Park)</b>  |   |       |    |           |           |
| Constructed in same manner as Areas A - E but with more plantings   | Area F  | 3,630 | SF | \$17      | \$61,710  |
|   |   |       |    | subtotal: | \$61,710  |
| <b>Boat &amp; Beach Improvements</b>  |   |       |    |           |           |
| Dredge Beach Area @ average 3' depth across entire area   |   | 1     | LS | \$390,000 | \$390,000 |
| 22,792 SF for Primary area & 1,650 SF for Dock area   |   |       |    |           |           |
| Construct Boat Launch   |   | 1     | LS | \$140,000 | \$140,000 |
| 38' x 20' = 760 SF  |   |       |    |           |           |
| Purchase & Install Seasonal Boat Dock   | Watermark Marine Est \$                       | 1     | LS | \$14,000  | \$14,000  |
| 6' x 40' = 240 SF   |   |       |    |           |           |
| Construct Boat Trailer Manuvering Lane for Boat Launch  | Based on section design of parking            | 1     | LS | \$8,000   | \$8,000   |
| 20' x 50' with radli transitions to road = 1292 SF  |   |       |    |           |           |
| Construct Boat Tie Down Area  | Based on section design of parking            | 1     | LS | \$7,000   | \$7,000   |
| 12' x 60' with tapers = 932 SF  |   |       |    |           |           |
|   |   |       |    | subtotal: | \$559,000 |
| <b>Park Improvements</b>  |   |       |    |           |           |
| Park Shelter - Metal Structure by Icon Shelter Systems  |   |       |    |           |           |
| Shelter Structure delivered to site   | Octagon Shape 32' x 32'                       | 1     | LS | \$70,000  | \$70,000  |
| Site preparation and footings   |   | 1     | LS | \$10,000  | \$10,000  |
| Children's Play Area  | Level pad, cushion surface, play equipment pu | 1     | LS | \$65,000  | \$65,000  |
| 1425 SF   | purchased and installed                       |       |    |           |           |
| Bridge To Shelter over Rain Garden  | Timber/Deck Structure                         | 1     | LS | \$1,500   | \$1,500   |
| Walkway from Road to Boat Dock  | 6' and 8' wld, crushed granite                | 1940  | SF | \$4       | \$7,760   |
| Relocate Guard Shack  |   | 1     | LS | \$500     | \$500     |
| Access to Shelter & Children's Play Area  | Pervious Paver Walkways                       | 1220  | SF | \$20      | \$24,400  |
| Picnic Sites  |   |       |    |           |           |
| Picnic Tables with bench seats - Du-Mor Product   | Painted Stl/Recycled Plastic; #100-80PL       | 15    | EA | \$2,000   | \$30,000  |
| BBQ - Du-Mor Product  | Metal; Du-Mor # 21-00 for embedment           | 15    | EA | \$350     | \$5,250   |
| Refuse Containers/32 gallon - Du-Mor Product  | Painted Stl; # 84-32                          | 5     | EA | \$850     | \$4,250   |
| Horseshoe Pits  | Built on site per standard detail             | 5     | EA | \$750     | \$3,750   |
| Volley Ball Court   | 30' x 60' Lawn Surface                        | 1     | LS | \$3,600   | \$3,600   |
| Dog Park Area   |   |       |    |           |           |
| 3' high Fencing to Define Area  | Cedar post/2 rail w/wire mesh                 | 240   | LF | \$13      | \$3,120   |
| 3' wide gates   |   | 1     | EA | \$50      | \$50      |
| Refuse Containers   | Painted Metal                                 | 3     | EA | \$850     | \$2,550   |
| Trails  |   |       |    |           |           |
| 5' avg. width x 4" Crushed Granite Surface  | 1809 LF                                       | 9045  | SF | \$4       | \$36,180  |
| Overall Park Area Landscape Improvements  |   | 1     | LS | \$50,000  | \$50,000  |
| Supply & Plant New Trees and Shrubs   |   |       |    |           |           |
| Supply & Plant Native Ground Cover  |   |       |    |           |           |
| Supply & Plant Native Perennials  |   |       |    |           |           |
|   |   |       |    | subtotal: | \$317,910 |

**Summary of Order of Magnitude Project Cost**

| Improvement                  | Parking Lot Options |                    |                    |
|------------------------------|---------------------|--------------------|--------------------|
|                              | Option 1            | Option 2           | Option 3           |
| Parking Lot                  | \$68,300            | \$63,570           | \$17,370           |
| Castle Shore Rd Intersection | \$80,000            | \$80,000           | \$80,000           |
| Rain Gardens                 | \$145,950           | \$145,950          | \$145,950          |
| Boat & Beach Improvements    | \$559,000           | \$559,000          | \$559,000          |
| Park Improvements            | \$317,910           | \$317,910          | \$317,910          |
| Construction Cost:           | \$1,171,000         | \$1,166,430        | \$1,120,230        |
| Professional Services (25%): | \$292,750           | \$291,608          | \$280,058          |
| Contingency (15%)            | \$219,563           | \$218,706          | \$210,043          |
| <b>Total:</b>                | <b>\$1,680,000</b>  | <b>\$1,680,000</b> | <b>\$1,610,000</b> |



## **States Landing**

**January 16, 2014**

### **Status Report**

#### **History:**

FY 2013 Budget Recommendations

**Recommendation #5:** Set a Long Term Plan for States Landing

This community resource has three major elements; the boat ramp, a potential swimming area, and seven acres of land. The original RSPT report laid out a strategy for the revitalization of this area yet it has never been addressed. We need to know what your intent might - if any - be that we might begin to implement it.

#### **Process:**

- > Neighborhood Meeting (January '13)
- > Work Party & Neighborhood Meeting

#### **Reports by:**

- > County Extension Forester/ISA Certified Arborist
- > NH Lakes
- > Town Engineer & Landscape Architect



## KV Partners

**CLIENT:** BOULDER COUNTY  
**PROJECT:** STATES HIGHWAY HOIST TRAILER PARKING LOT  
**DETAIL:** ENGINEER'S OFFICE OF PROBABLE CONSTRUCTION COST  
 (CONCEPT)

**DIV:**  
**OFFICE:**  
**DATE:**

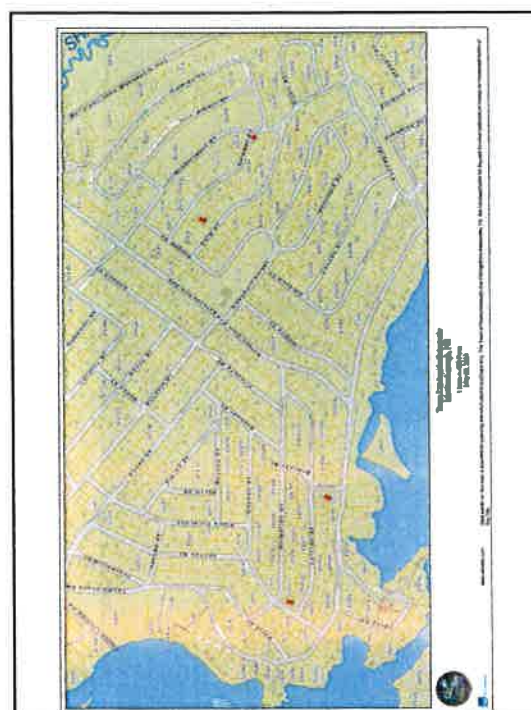
**Sheet**

### Detail: Probable Lot Easement

| ITEM |  |          |      |             | ESTIMATED COSTS                         |                     |
|------|--|----------|------|-------------|---|---------------------|
| NO.  | DESCRIPTION  | QUANTITY | UNIT | UNIT PRICE  | EST. COST                               | REMARKS             |
| 1    | Excavation   | 1        | LS   | \$8,000.00  | \$8,000.00                              |                     |
| 2    | Gravel & Graveling                                     | 1        | LS   | \$2,000.00  | \$2,000.00                              |                     |
| 3    | Excavation & Embankment (Gravel)                       | 1        | LS   | \$80,000.00 | \$80,000.00                             |                     |
| 4    | Gravel   | 1,000    | CY   | \$2.00      | \$2,000.00                              |                     |
| 5    | Graveling  | 500      | CY   | \$4.00      | \$2,000.00                              |                     |
| 6    | 1/4" Crushed Stone                                     | 2,000    | CY   | \$2.00      | \$4,000.00                              |                     |
| 7    | 1/4" FIP Paving Course                                 | 200      | CY   | \$24.00     | \$4,800.00                              |                     |
| 8    | 1/4" FIP Paving Course                                 | 200      | CY   | \$80.00     | \$16,000.00                             |                     |
| 9    | 1/4" FIP Hand Applied                                  | 1        | LS   | \$100.00    | \$100.00                                |                     |
| 10   | Asphalt Paved Parking Surface - 4" Surface Center Line | 1        | LS   | \$10,000.00 | \$10,000.00                             |                     |
| 11   | Landscaping  | 1        | LS   | \$10,000.00 | \$10,000.00                             |                     |
| 12   | 1/4" FIP Paving Course                                 | 200      | CY   | \$24.00     | \$4,800.00                              |                     |
| 13   | 1/4" FIP   | 200      | CY   | \$80.00     | \$16,000.00                             |                     |
| 14   | 1/4" FIP   | 200      | CY   | \$24.00     | \$4,800.00                              |                     |
| 15   | Hand Applied Gravel                                    | 1        | LS   | \$100.00    | \$100.00                                |                     |
|      |  |          |      |             | <b>Construction</b>                     | <b>\$20,000.00</b>  |
|      |  |          |      |             | <b>Engineering</b>                      | <b>\$40,000.00</b>  |
|      |  |          |      |             | <b>Field Investigation/Construction</b> | <b>\$10,000.00</b>  |
|      |  |          |      |             | <b>Contingency (5-10%)</b>              | <b>\$40,000.00</b>  |
|      |  |          |      |             | <b>Recommended Budget</b>               | <b>\$110,000.00</b> |

### Detail: Probable Lot Easement

| ITEM |  |          |      |             | ESTIMATED COSTS                         |                     |
|------|--|----------|------|-------------|---|---------------------|
| NO.  | DESCRIPTION  | QUANTITY | UNIT | UNIT PRICE  | EST. COST                               | REMARKS             |
| 1    | Excavation   | 1        | LS   | \$8,000.00  | \$8,000.00                              |                     |
| 2    | Gravel & Graveling                                     | 1        | LS   | \$2,000.00  | \$2,000.00                              |                     |
| 3    | Excavation & Embankment (Gravel)                       | 1        | LS   | \$80,000.00 | \$80,000.00                             |                     |
| 4    | Gravel   | 1,000    | CY   | \$2.00      | \$2,000.00                              |                     |
| 5    | Graveling  | 500      | CY   | \$4.00      | \$2,000.00                              |                     |
| 6    | 1/4" Crushed Stone                                     | 2,000    | CY   | \$2.00      | \$4,000.00                              |                     |
| 7    | 1/4" FIP Paving Course                                 | 200      | CY   | \$24.00     | \$4,800.00                              |                     |
| 8    | 1/4" FIP Paving Course                                 | 200      | CY   | \$80.00     | \$16,000.00                             |                     |
| 9    | 1/4" FIP Hand Applied                                  | 1        | LS   | \$100.00    | \$100.00                                |                     |
| 10   | Asphalt Paved Parking Surface - 4" Surface Center Line | 1        | LS   | \$10,000.00 | \$10,000.00                             |                     |
| 11   | Landscaping  | 1        | LS   | \$10,000.00 | \$10,000.00                             |                     |
|      |  |          |      |             | <b>Construction</b>                     | <b>\$20,000.00</b>  |
|      |  |          |      |             | <b>Engineering</b>                      | <b>\$40,000.00</b>  |
|      |  |          |      |             | <b>Field Investigation/Construction</b> | <b>\$10,000.00</b>  |
|      |  |          |      |             | <b>Contingency (5-10%)</b>              | <b>\$40,000.00</b>  |
|      |  |          |      |             | <b>Recommended Budget</b>               | <b>\$110,000.00</b> |









## KV Partners

CLIENT: BOWEN/BOCKWOLD BY  
PROJECT: CASTLE IN BRICKS BOND REDEVELOPMENT  
DETAIL: ARCHITECTURAL OPIONS OF PROPOSED CONSTRUCTION COSTS  
CONCEPT

BY: DATE: SBR  
SBR/SBP

### CONCEPT 1: BROWN STREET EXTENSION

| No. | DESCRIPTION                       | QUANTITY | UNIT | UNIT PRICE (\$/SQ FT) |        |
|-----|-----------------------------------|----------|------|-----------------------|--------|
|     |                                   |          |      | NEW                   | EXIST  |
| 1   | Retaining                         | 1        | LS   | \$2,000.00            | \$0.00 |
| 2   | Grading & Graveling               | 1        | LS   | \$1,000.00            | \$0.00 |
| 3   | Excavation & Backfill (C&G) (C&G) | 1        | LS   | \$12,000.00           | \$0.00 |
| 4   | 2" ASP Shale Cap                  | 40       | LS   | \$40.00               | \$0.00 |
| 5   | 2" ASP Gravel                     | 1        | LS   | \$100.00              | \$0.00 |
| 6   | Gravel Base                       | 80       | LS   | \$100.00              | \$0.00 |
| 7   | Gravel                            | 80       | LS   | \$100.00              | \$0.00 |
| 8   | Gravel (New) (Buckeye)            | 80       | LS   | \$100.00              | \$0.00 |
| 9   | Gravel (New) (Buckeye)            | 80       | LS   | \$100.00              | \$0.00 |
| 10  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 11  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 12  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 13  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 14  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 15  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 16  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 17  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 18  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 19  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 20  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 21  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 22  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 23  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 24  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 25  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 26  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 27  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 28  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 29  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 30  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 31  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 32  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 33  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 34  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 35  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 36  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 37  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 38  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 39  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 40  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 41  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 42  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 43  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 44  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 45  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 46  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 47  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 48  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 49  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 50  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 51  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 52  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 53  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 54  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 55  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 56  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 57  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 58  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 59  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 60  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 61  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 62  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 63  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 64  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 65  | 2" ASP Shale Cap                  | 80       | LS   | \$80.00               | \$0.00 |
| 66  | 2" ASP Shale Cap                  | 80       | LS   | \$8                   |        |



From: Ray Karber [mailto:rkarber@kva.com]  
 Sent: Thursday, October 24, 2013 6:10 PM  
 To: 'Carter Terenzi'  
 Subject: States Landing Beach-Dredging

Hi Carter - The following is a summary on your request for a cost estimate to dredge the States Landing Beach:

We contacted two marine construction firms and developed a scope of work and estimates to dredge the States Landing Beach. Note that we made assumptions regarding the areas to be dredged (see attached figure) and the depth (4') of material to be removed. We have not completed any field investigations (soundings, probes, etc.) to determine the limits of work. If you need a better estimate than existing information (aerial photos, on-shore visual inspection) allows, we recommend doing a hydrographic survey. If we assume a smaller impact area, the construction cost will be less. We also contacted DES and they have confirmed that this operation will require a Major Impact Permit. We expressed to them that we see this as maintenance dredging to regain the recreational use of the beach.

Note that we obtained independent estimates as a way to validate the scope of work and cost. As indicated below, the two firms came in at the same order of magnitude. In summary the estimate includes:

- Construction: mechanical dredging, dewatering and mechanical disposal of dredge spoils. The setup will include: excavator, barges (7), loader, dump trucks, dewatering basin, labors, 600,000 gal. The estimated time frame to complete the operation as per the limit of work shown on the attached figure is 80 days.
- Engineering/Permitting: preparation of bid documents, bid phase services, permitting and construction administration.
- DES Permit application fee.

| Item                         | Firm 1                | Firm 2      |
|------------------------------|-----------------------|-------------|
| Construction                 | 270,000 - 310,000     | \$980,000   |
| Engineering/Permitting (15%) | \$40,000 - \$47,000   | \$45,000    |
| Permit Fee (Est.)            | \$6,000               | \$6,000     |
| Total:                       | \$316,000 - \$563,000 | \$1,031,000 |

Note that this opinion of probable cost is an order of magnitude estimate based on the level of effort completed to date and should be used for planning purposes only.

Please let me know if you have any questions or require additional information.

Thanks,  
 Ray  
 Ray Karber, P.E., Principal Engineer  
 KVA CONSULTING

#### Appendix C

From: Carter Terenzi [mailto:cterenzi@scaphenetworks.com]  
 Sent: Thursday, November 07, 2013 10:02 AM  
 To: 'Ray Karber'  
 Subject: States Landing

How fast can you push out an estimate for the beach launch? I know the dredging is a wildcard but assume for the moment that does not happen at the same time.

Many Thanks

Carter

From: Ray Karber [mailto:rkarber@kva.com]  
 Sent: Thursday, November 07, 2013 10:18 AM  
 To: 'Carter Terenzi'  
 Subject: RE: States Landing

Carter -

Attached is the bid tab for Lees Mills. If you draw out the high and low, the numberplace in 2009 valued that work at ~\$120k. Today's dollars would put Lees Mills at ~\$130k (2% annual CPI). Not knowing any particulars of what is required at States Landing I would add a minimum 15% to that number for contingency. That balloons the construction cost at \$150k. If you need a higher level of detail than that, let me know.

Ray

|   |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 | 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 | 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 | 137 | 138 | 139 | 140 | 141 | 142 | 143 | 144 | 145 | 146 | 147 | 148 | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 | 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 | 181 | 182 | 183 | 184 | 185 | 186 | 187 | 188 | 189 | 190 | 191 | 192 | 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200 | 201 | 202 | 203 | 204 | 205 | 206 | 207 | 208 | 209 | 210 | 211 | 212 | 213 | 214 | 215 | 216 | 217 | 218 | 219 | 220 | 221 | 222 | 223 | 224 | 225 | 226 | 227 | 228 | 229 | 230 | 231 | 232 | 233 | 234 | 235 | 236 | 237 | 238 | 239 | 240 | 241 | 242 | 243 | 244 | 245 | 246 | 247 | 248 | 249 | 250 | 251 | 252 | 253 | 254 | 255 | 256 | 257 | 258 | 259 | 260 | 261 | 262 | 263 | 264 | 265 | 266 | 267 | 268 | 269 | 270 | 271 | 272 | 273 | 274 | 275 | 276 | 277 | 278 | 279 | 280 | 281 | 282 | 283 | 284 | 285 | 286 | 287 | 288 | 289 | 290 | 291 | 292 | 293 | 294 | 295 | 296 | 297 | 298 | 299 | 300 | 301 | 302 | 303 | 304 | 305 | 306 | 307 | 308 | 309 | 310 | 311 | 312 | 313 | 314 | 315 | 316 | 317 | 318 | 319 | 320 | 321 | 322 | 323 | 324 | 325 | 326 | 327 | 328 | 329 | 330 | 331 | 332 | 333 | 334 | 335 | 336 | 337 | 338 | 339 | 340 | 341 | 342 | 343 | 344 | 345 | 346 | 347 | 348 | 349 | 350 | 351 | 352 | 353 | 354 | 355 | 356 | 357 | 358 | 359 | 360 | 361 | 362 | 363 | 364 | 365 | 366 | 367 | 368 | 369 | 370 | 371 | 372 | 373 | 374 | 375 | 376 | 377 | 378 | 379 | 380 | 381 | 382 | 383 | 384 | 385 | 386 | 387 | 388 | 389 | 390 | 391 | 392 | 393 | 394 | 395 | 396 | 397 | 398 | 399 | 400 | 401 | 402 | 403 | 404 | 405 | 406 | 407 | 408 | 409 | 410 | 411 | 412 | 413 | 414 | 415 | 416 | 417 | 418 | 419 | 420 | 421 | 422 | 423 | 424 | 425 | 426 | 427 | 428 | 429 | 430 | 431 | 432 | 433 | 434 | 435 | 436 | 437 | 438 | 439 | 440 | 441 | 442 | 443 | 444 | 445 | 446 | 447 | 448 | 449 | 450 | 451 | 452 | 453 | 454 | 455 | 456 | 457 | 458 | 459 | 460 | 461 | 462 | 463 | 464 | 465 | 466 | 467 | 468 | 469 | 470 | 471 | 472 | 473 | 474 | 475 | 476 | 477 | 478 | 479 | 480 | 481 | 482 | 483 | 484 | 485 | 486 | 487 | 488 | 489 | 490 | 491 | 492 | 493 | 494 | 495 | 496 | 497 | 498 | 499 | 500 | 501 | 502 | 503 | 504 | 505 | 506 | 507 | 508 | 509 | 510 | 511 | 512 | 513 | 514 | 515 | 516 | 517 | 518 | 519 | 520 | 521 | 522 | 523 | 524 | 525 | 526 | 527 | 528 | 529 | 530 | 531 | 532 | 533 | 534 | 535 | 536 | 537 | 538 | 539 | 540 | 541 | 542 | 543 | 544 | 545 | 546 | 547 | 548 | 549 | 550 | 551 | 552 | 553 | 554 | 555 | 556 | 557 | 558 | 559 | 560 | 561 | 562 | 563 | 564 | 565 | 566 | 567 | 568 | 569 | 570 | 571 | 572 | 573 | 574 | 575 | 576 | 577 | 578 | 579 | 580 | 581 | 582 | 583 | 584 | 585 | 586 | 587 | 588 | 589 | 590 | 591 | 592 | 593 | 594 | 595 | 596 | 597 | 598 | 599 | 600 | 601 | 602 | 603 | 604 | 605 | 606 | 607 | 608 | 609 | 610 | 611 | 612 | 613 | 614 | 615 | 616 | 617 | 618 | 619 | 620 | 621 | 622 | 623 | 624 | 625 | 626 | 627 | 628 | 629 | 630 | 631 | 632 | 633 | 634 | 635 | 636 | 637 | 638 | 639 | 640 | 641 | 642 | 643 | 644 | 645 | 646 | 647 | 648 | 649 | 650 | 651 | 652 | 653 | 654 | 655 | 656 | 657 | 658 | 659 | 660 | 661 | 662 | 663 | 664 | 665 | 666 | 667 | 668 | 669 | 670 | 671 | 672 | 673 | 674 | 675 | 676 | 677 | 678 | 679 | 680 | 681 | 682 | 683 | 684 | 685 | 686 | 687 | 688 | 689 | 690 | 691 | 692 | 693 | 694 | 695 | 696 | 697 | 698 | 699 | 700 | 701 | 702 | 703 | 704 | 705 | 706 | 707 | 708 | 709 | 710 | 711 | 712 | 713 | 714 | 715 | 716 | 717 | 718 | 719 | 720 | 721 | 722 | 723 | 724 | 725 | 726 | 727 | 728 | 729 | 730 | 731 | 732 | 733 | 734 | 735 | 736 | 737 | 738 | 739 | 740 | 741 | 742 | 743 | 744 | 745 | 746 | 747 | 748 | 749 | 750 | 751 | 752 | 753 | 754 | 755 | 756 | 757 | 758 | 759 | 760 | 761 | 762 | 763 | 764 | 765 | 766 | 767 | 768 | 769 | 770 | 771 | 772 | 773 | 774 | 775 | 776 | 777 | 778 | 779 | 780 | 781 | 782 | 783 | 784 | 785 | 786 | 787 | 788 | 789 | 790 | 791 | 792 | 793 | 794 | 795 | 796 | 797 | 798 | 799 | 800 | 801 | 802 | 803 | 804 | 805 | 806 | 807 | 808 | 809 | 810 | 811 | 812 | 813 | 814 | 815 | 816 | 817 | 818 | 819 | 820 | 821 | 822 | 823 | 824 | 825 | 826 | 827 | 828 | 829 | 830 | 831 | 832 | 833 | 834 | 835 | 836 | 837 | 838 | 839 | 840 | 841 | 842 | 843 | 844 | 845 | 846 | 847 | 848 | 849 | 850 | 851 | 852 | 853 | 854 | 855 | 856 | 857 | 858 | 859 | 860 | 861 | 862 | 863 | 864 | 865 | 866 | 867 | 868 | 869 | 870 | 871 | 872 | 873 | 874 | 875 | 876 | 877 | 878 | 879 | 880 | 881 | 882 | 883 | 884 | 885 | 886 | 887 | 888 | 889 | 890 | 891 | 892 | 893 | 894 | 895 | 896 | 897 | 898 | 899 | 900 | 901 | 902 | 903 | 904 | 905 | 906 | 907 | 908 | 909 | 910 | 911 | 912 | 913 | 914 | 915 | 916 | 917 | 918 | 919 | 920 | 921 | 922 | 923 | 924 | 925 | 926 | 927 | 928 | 929 | 930 | 931 | 932 | 933 | 934 | 935 | 936 | 937 | 938 | 939 | 940 | 941 | 942 | 943 | 944 | 945 | 946 | 947 | 948 | 949 | 950 | 951 | 952 | 953 | 954 | 955 | 956 | 957 | 958 | 959 | 960 | 961 | 962 | 963 | 964 | 965 | 966 | 967 | 968 | 969 | 970 | 971 | 972 | 973 | 974 | 975 | 976 | 977 | 978 | 979 | 980 | 981 | 982 | 983 | 984 | 985 | 986 | 987 | 988 | 989 | 990 | 991 | 992 | 993 | 994 | 995 | 996 | 997 | 998 | 999 | 1000 | 1001 | 1002 | 1003 | 1004 | 1005 | 1006 | 1007 | 1008 | 1009 | 1010 | 1011 | 1012 | 1013 | 1014 | 1015 | 1016 | 1017 | 1018 | 1019 | 1020 | 1021 | 1022 | 1023 | 1024 | 1025 | 1026 | 1027 | 1028 | 1029 | 1030 | 1031 | 1032 | 1033 | 1034 | 1035 | 1036 | 1037 | 1038 | 1039 | 1040 | 1041 | 1042 | 1043 | 1044 | 1045 | 1046 | 1047 | 1048 | 1049 | 1050 | 1051 | 1052 | 1053 | 1054 | 1055 | 1056 | 1057 | 1058 | 1059 | 1060 | 1061 | 1062 | 1063 | 1064 | 1065 | 1066 | 1067 | 1068 | 1069 | 1070 | 1071 | 1072 | 1073 | 1074 | 1075 | 1076 | 1077 | 1078 | 1079 | 1080 | 1081 | 1082 | 1083 | 1084 | 1085 | 1086 | 1087 | 1088 | 1089 | 1090 | 1091 | 1092 | 1093 | 1094 | 1095 | 1096 | 1097 | 1098 | 1099 | 1100 | 1101 | 1102 | 1103 | 1104 | 1105 | 1106 | 1107 | 1108 | 1109 | 1110 | 1111 | 1112 | 1113 | 1114 | 1115 | 1116 | 1117 | 1118 | 1119 | 1120 | 1121 | 1122 | 1123 | 1124 | 1125 | 1126 | 1127 | 1128 | 1129 | 1130 | 1131 | 1132 | 1133 | 1134 | 1135 | 1136 | 1137 | 1138 | 1139 | 1140 | 1141 | 1142 | 1143 | 1144 | 1145 | 1146 | 1147 | 1148 | 1149 | 1150 | 1151 | 1152 | 1153 | 1154 | 1155 | 1156 | 1157 | 1158 | 1159 | 1160 | 1161 | 1162 | 1163 | 1164 | 1165 | 1166 | 1167 | 1168 | 1169 | 1170 | 1171 | 1172 | 1173 | 1174 | 1175 | 1176 | 1177 | 1178 | 1179 | 1180 | 1181 | 1182 | 1183 | 1184 | 1185 | 1186 | 1187 | 1188 | 1189 | 1190 | 1191 | 1192 | 1193 | 1194 | 1195 | 1196 | 1197 | 1198 | 1199 | 1200 | 1201 | 1202 | 1203 | 1204 | 1205 | 1206 | 1207 | 1208 | 1209 | 1210 | 1211 | 1212 | 1213 | 1214 | 1215 | 1216 | 1217 | 1218 | 1219 | 1220 | 1221 | 1222 | 1223 | 1224 | 1225 | 1226 | 1227 | 1228 | 1229 | 1230 | 1231 | 1232 | 1233 | 1234 | 1235 | 1236 | 1237 | 1238 | 1239 | 1240 | 1241 | 1242 | 1243 | 1244 | 1245 | 1246 | 1247 | 1248 | 1249 | 1250 | 1251 | 1252 | 1253 | 1254 | 1255 | 1256 | 1257 | 1258 | 1259 | 1260 | 1261 | 1262 | 1263 | 1264 | 1265 | 1266 | 1267 | 1268 | 1269 | 1270 | 1271 | 1272 | 1273 | 1274 | 1275 | 1276 | 1277 | 1278 | 1279 | 1280 | 1281 | 1282 | 1283 | 1284 | 1285 | 1286 | 1287 | 1288 | 1289 | 1290 | 1291 | 1292 | 1293 | 1294 | 1295 | 1296 | 1297 | 1298 | 1299 | 1300 | 1301 | 1302 | 1303 | 1304 | 1305 | 1306 | 1307 | 1308 | 1309 | 1310 | 1311 | 1312 | 1313 | 1314 | 1315 | 1316 | 1317 | 1318 | 1319 | 1320 | 1321 | 1322 | 1323 | 1324 | 1325 | 1326 | 1327 | 1328 | 1329 | 1330 | 1331 | 1332 | 1333 | 1334 | 1335 | 1336 | 1337 | 1338 | 1339 | 1340 | 1341 | 1342 | 1343 | 1344 | 1345 | 1346 | 1347 | 1348 | 1349 | 1350 | 1351 | 1352 | 1353 | 1354 | 1355 | 1356 | 1357 | 1358 | 1359 | 1360 | 1361 | 1362 | 1363 | 1364 | 1365 | 1366 | 1367 | 1368 | 1369 | 1370 | 1371 | 1372 | 1373 | 1374 | 1375 | 1376 | 1377 | 1378 | 1379 | 1380 | 1381 | 1382 | 1383 | 1384 | 1385 | 1386 | 1387 | 1388 | 1389 | 1390 | 1391 | 1392 | 1393 | 1394 | 1395 | 1396 | 1397 | 1398 | 1399 | 1400 | 1401 | 1402 | 1403 | 1404 | 1405 | 1406 | 1407 | 1408 | 1409 | 1410 | 1411 | 1412 | 1413 | 1414 | 1415 | 1416 | 1417 | 1418 | 1419 | 1420 | 1421 | 1422 | 1423 | 1424 | 1425 | 1426 | 1427 | 1428 | 1429 | 1430 | 1431 | 1432 | 1433 | 1434 | 1435 | 1436 | 1437 | 1438 | 1439 | 1440 | 1441 | 1442 | 1443 | 1444 | 1445 | 1446 | 1447 | 1448 | 1449 | 1450 | 1451 | 1452 | 1453 | 1454 | 1455 | 1456 | 1457 | 1458 | 1459 | 1460 | 1461 | 1462 | 1463 | 1464 | 1465 | 1466 | 1467 | 1468 | 1469 | 1470 | 1471 | 1472 | 1473 | 1474 | 1475 | 1476 | 1477 | 1478 | 1479 | 1480 | 1481 | 1482 | 1483 | 1484 | 1485 | 1486 | 1487 | 1488 | 1489 | 1490 |  |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|

**B** BELKNAP LANDSCAPE COMPANY, INC. 210 TREE MANAGEMENT • LAND CARE • DESIGN • ORNAMENTAL PLANTING  
 LANDSCAPE CONSULTING • DESIGN • MAINTENANCE • CONSTRUCTION • REMEDIATION

**Your Goals**

Belknap Landscape Company is pleased to present the following landscape enhancement proposal for the projects we discussed at States Landing Park. Our goal is to create a solution to meet your needs by removing 14 trees in poor health and pruning the dead limbs off of 7 trees at the States Landing Park in the Town of Marlborough. This proposal also includes the installation of 3 plants per UNH Cooperative Extension letter dated April 12, 2013 and the creation of an island of wood chip mulch 2" deep edged with landscape rocks around the trees approximately +/- 150' x 20' area).

**Landscape Enhancement Solutions**

**Tree Work:** Trees marked for removal or pruning of dead limbs per UNH cooperative extension letter dated April 12, 2013. Trees suggested for removal are marked with orange flagging and trees suggested for pruning of dead limbs are marked with blue flagging.

| Within or near 60' of the shore:                |  |
|---|--|
| Prune:  | 16" trunk diameter Red Maple                           |
| Prune:  | 8" Red Maple   |
| Prune:  | 6" Red Maple   |
| Prune:  | 17" Red Oak  |
| Prune:  | 15" Red Oak  |
| Prune:  | 10" Red Oak  |
| Prune:  | 11" Red Maple  |
| Remove:   | 16" Red Oak, top decay, extensive limb detach          |
| Remove:   | 17" Red Oak, dead top for 1.2 tree                     |
| Remove:   | 17" Red Oak, extensive interior decay, broken top      |
| Remove:   | 22" Hemlock, extensive interior decay, broken top      |
| Remove:   | 15" Hemlock, large trunk wound, extensive top die back |
| Trees along parking area & across loading road: |  |
| Remove:   | 8" & 8" double Red Oaks with poor form                 |
| Remove:   | 25" White Pine, lightning strike length of tree        |
| Remove:   | 13" White Oak with excessive lean over parking         |
| Remove:   | 15" White Oak with dead top & poor form                |
| Remove:   | 14" White Birch with dead top & lean toward parking    |
| Remove:   | 35" White pine, dead, root injury because of parking   |
| Remove:   | 21" Red Oak, bare decay, lean                          |
| Remove:   | 11" Red Oak, long wound & decay with dead top          |
| Remove:   | 7" Red Oak, dead                                       |
| <b>Tree Work Budget Total \$4,750.00</b>        |  |

11/6/2013 2 Proposal No. 1


**B** BELKNAP LANDSCAPE COMPANY, INC. 210 TREE MANAGEMENT • LAND CARE • DESIGN • ORNAMENTAL PLANTING  
 LANDSCAPE CONSULTING • DESIGN • MAINTENANCE • CONSTRUCTION • REMEDIATION

**Softscapes:** Installation of plant material per UNH Cooperative Extension letter dated April 12, 2013. Create an island of wood chip mulch 2" deep edged with landscape rocks around the trees approximately +/- 150' x 20' area).

**Softscapes Budget Total \$4,800.00**

**Note:** Rocks and wood chips will be provided and trucked by the town of Marlborough. If additional rock or wood chips are needed, BELC can haul it at an additional rate of \$150/ton. If the Town of Marlborough's work source is not available then BELC can also provide this as well at a cost of \$150/ton.

| Species/Size        | Qty | Size |
|---------------------|-----|------|
| White Oak           | 1   | 2" E |
| Blackberry Tree     | 2   | 2" E |
| High Bush Blueberry | 5   | 4/5  |



White Oak

11/6/2013 3 Proposal No. 1

**B** Belknap Landscape Company, Inc.  
 BELKNAP LANDSCAPE COMPANY, INC. - 25 CONSUMERS CLUB RD. - SUITE 202 - CHILMARK, MA 01930



Crabapple Tree      High Bush Blueberry

**Fee Structure**  
**Start Date:** To Be Determined - 2014  
**Proposed Price based upon the work described above is:** Itemized above  
**Initial Deposit:** TBD  
**Balance due upon completion:** TBD

We truly appreciate your interest and look forward to working with you. If this proposal is acceptable, please contact me and I will provide you with an agreement to review and sign. Please do not hesitate to contact us if you have any thoughts or questions.

Thank you for the opportunity to present this proposal.

Mark Smith  
 Sales/Project Director Manager  
 Belknap Landscape Company, Inc.  
 25 Consumers Club Rd. - Suite 202  
 Chilmark, MA 01930  
 (508) 528-2798 Phone  
 (508) 528-2799 Fax

To learn more about our firm, please visit us online at [www.belknaplandscape.com](http://www.belknaplandscape.com)

11/04/2013      4      Proposal No. 1

**Status:**

> Letter of Inquiry to Suissevale Re: States Landing Lands

> Article to TM for \$25k

Tree Trimming, Removal and Planting \$10k

Castle Shores/SL Intersection \$5k  
 Survey & Preliminary Engineering

Fencing & Mulch \$5k

Drainage \$5k

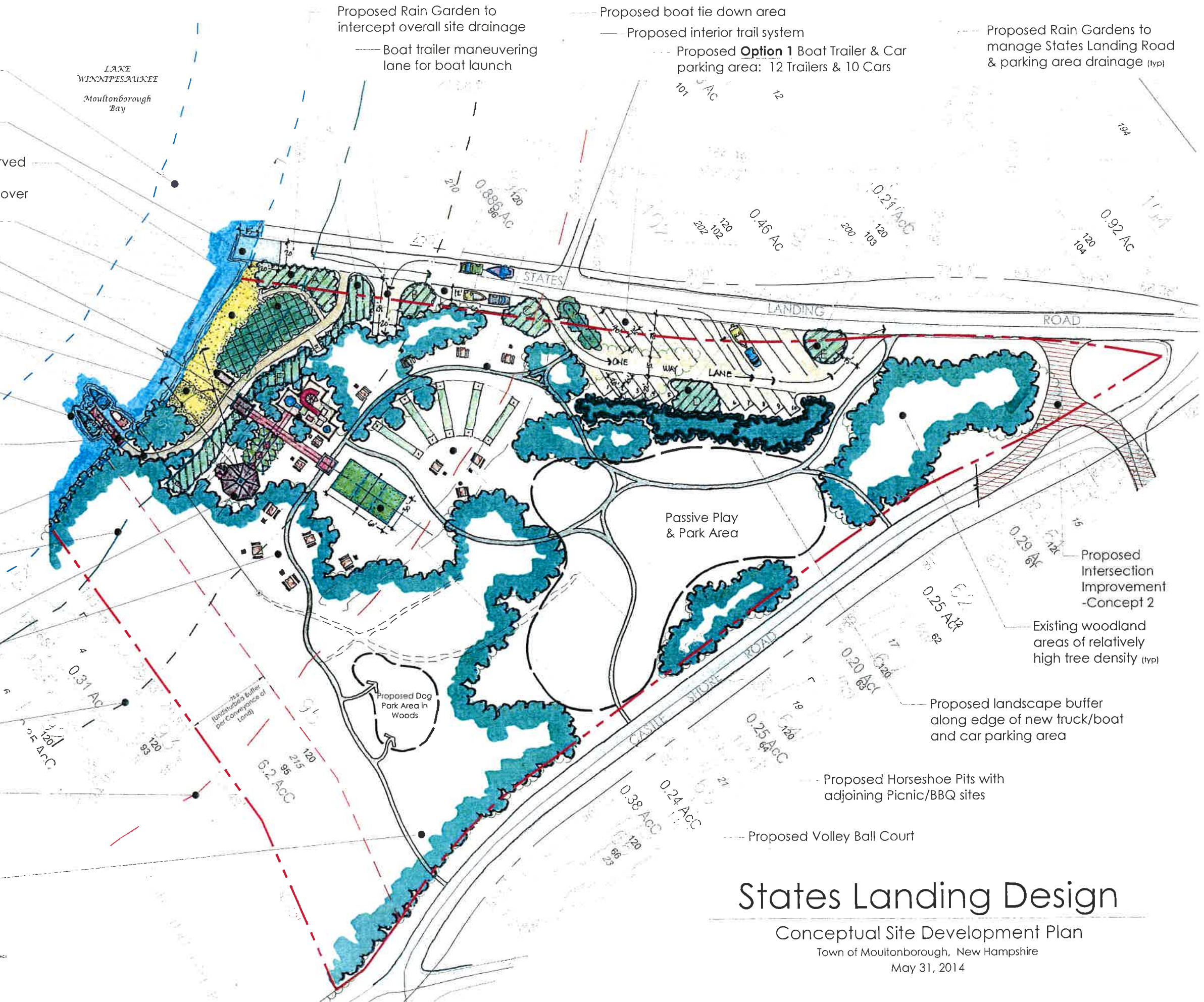
> Rec Revolving Fund \$10k+/-

Concept Level Park Development Budget; Soil  
 Cores/Bathometric Profile to refine dredging  
 estimates.

> Work Party & Neighborhood Meeting May '14 to share  
 progress and refined estimates.



79 New Road, Salisbury New Hampshire 03268  
tel 603 448 6434 [www.kn2001.com](http://www.kn2001.com)



Plant Schedule

Treed Bed @ Beach

States Landing Park  
Moutonborough, New Hampshire

g2+1 LLC

5/27/2014

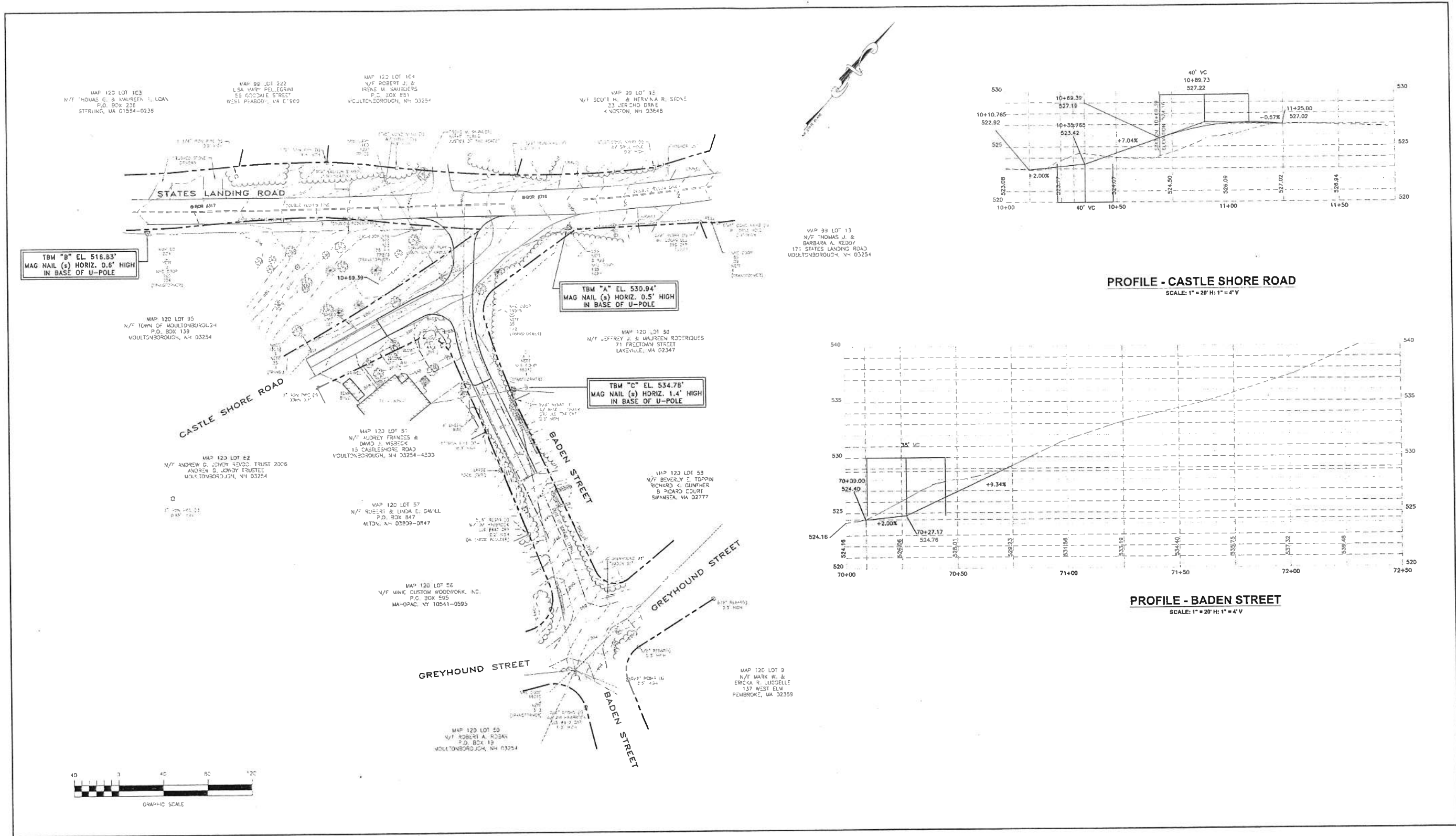
REV 5/29/14

| Sym  | Qty | Common Name             | Botanical Name                      | Zone | Habit of Growth |      | Installed Size | Type | Notes  |
|--|-----|-------------------------|-------------------------------------|------|-----------------|------|----------------|------|--|
| Low, Evergreen Ground Cover  |     |                         |                                     |      |                 |      |                |      |  |
| RSCP   | 5   | Russian Cypress         | Microbiata decussata                | 2    | 1-2'            | 4-5' | 1 gal.         | CTN  | Sun & shade tolerant; low, flat & spreading          |
| Deciduous Flowering Shrubs   |     |                         |                                     |      |                 |      |                |      |  |
| FLH-2  | 1   | Hills of Snow Hydrangea | Hydrangea arborescens 'grandiflora' | 3    | 3-5'            | 3-5' | 3 gal.         | CTN  | Partial shade/summer color                           |
| GLS  | 6   | Grow Low Sumac          | Rhus aromatica 'grow low'           | 3    | 2'              | 6'   | 2 gal.         | CTN  | Fragrant small yellow flowers, orange-red fall color |
| HSMS   | 3   | Hummingbird Summersweet | Clethra alnifolia 'hummingbird'     | 3    | 3'              | 3'   | 3 gal.         | CTN  | Fragrant, improved native, spreads by rhizomes       |
| RSW  | 3   | Red Sprite Winterberry  | Ilex verticillata 'red sprite'      | 4    | 3-4'            | 3-4' | 2 gal.         | CTN  | Dense & compact, Red persistent fruit                |
| Ferns  |     |                         |                                     |      |                 |      |                |      |  |
| HSFR   | 0   | Hay-scented Fern        | Dennstaedtia punctiloba             | 3    | 18-24"          | 24"  | 1 gal          | CTN  | S/Sh,Tough, does well in sun                         |
| Perennials/Seasonal Color  |     |                         |                                     |      |                 |      |                |      |  |
| S - Sun; S/Sh - Sun/Shade; S/PSh - Sun and Part Shade; PSh - Part Shade; PSh/Sh - Part Shade/Shade |     |                         |                                     |      |                 |      |                |      |  |
| Sym  | Qty | Common Name             | Botanical Name                      | Zone | Habit of Growth |      | Type           | Size | Features   |
| GC.A-1   | 10  | Daylily                 | Hemerocallis 'Bama Music'           |      |                 |      | 1 yr. potted   | 2 qt | 36", S/PSh, June/July, Warm Pink/Yellow Throat       |
| GC.A-3   | 5   | Daylily                 | Hemerocallis flava - 'Lemon Lily'   |      |                 |      | 1 yr. potted   | 2 qt | 36", S/PSh, June/July, Lemon Yellow                  |
| GC.I   | 15  | Lowbush Blueberry       | Vaccinium angustifolium             |      |                 |      | 1 yr. potted   | 2 qt | 12", S, May, Violet-Blue                             |

Notes:

- 1.) All plant material to conform to current AAN, American Standard for Nursery Stock, ANSI Z60.1-2004.
- 2.) Plants shall be placed by landscape architect at time of planting





| REVISIONS |      |    |             | For Review | KV Partners<br>CONSULTING ENGINEERS | PO BOX 7721<br>GILFORD, NH 03247<br>TEL: (603) 513-1907 | PO BOX 432<br>NEW BOSTON, NH 03370<br>TEL: (603) 413-6559 | www.kvplic.com | DATE: 04/25/14  |                  | CASTLE SHORE ROAD REALIGNMENT<br>MOULTONBOROUGH, NEW HAMPSHIRE | SHEET NO.<br><b>1</b> |
|-----------|------|----|-------------|------------|-------------------------------------|---|---|----------------|-----------------|------------------|--|-----------------------|
| NUMBER    | DATE | BY | DESCRIPTION |            |                                     |   |   |                | SCALE: 1" = 40' | DESIGNED BY: RGR |  |                       |
|           |      |    |             |            |                                     |   |   |                |                 | DRAWN BY: NHT    | SITE PLAN AND PROFILES   | SHEET 1 OF 1          |
|           |      |    |             |            |                                     |   |   |                |                 | CHECKED BY: RJK  |  |                       |
|           |      |    |             |            |                                     |   |   |                |                 | APPROVED BY: RJK |  |                       |

# Notes:

- 1) This plan is based on field work last performed 5 March 2014. Survey performed with an EDM/Theodolite.
- 2) Basis of elevation is lake elevation of 502.64' on 5 March 2014 per NH-DES.
- 3) Property lines, Right-of-Way and Shoreline as shown is per Reference Plan "A", and field work performed by this office in the preparation of said Reference plan. Approximate shoreline location is based on field work performed on 5 March 2014, which was limited due to snow and ice cover along the shore and beach area.
- 4) States Landing Road is a two rod (33 Feet) wide road per layout dated April 24, 1899. The road is currently classified as a Class V Highway (Town Road).

Tax Map 120 Lot 96  
Dana Charles Taylor &  
Doreen Edith Sullivan  
8 Greenwich Road  
East Longmeadow, MA 01023  
CCRD Bk. 2010 Pg. 711

FND GRANITE BOUND  
3.5" SQ x 0.7  
12/1998

FND CONC BND  
6" SQ x 0.2  
"NHHD"  
12/1998

FND NATURAL STONE BOUND  
2.5' BELOW GRADE  
WITNESSED BY SQUARE HEAD ROD  
1.0' BELOW GRADE  
3/1999

FND 1 ROD BENT  
AT LARGE ROCK  
1.0' BELOW GRADE  
3/1999

Tax Map 120 Lot 95  
Town of  
Moultonborough  
PO Box 139  
Moultonborough, NH 03254

NHEC  
160  
105  
67  
NETT  
5  
1

NHEC  
160  
105.2  
NETT  
IS

FOR REGISTRY USE ONLY



ELEVATION AT  
LAKE BOTTOM  
(TYPICAL)

101  
501.5

108  
500.7

103  
500.5

109  
500.2

104  
499.9

117  
499.8

103  
500.1

111  
500.4

114  
501.0

105  
499.4

112  
500.4

115  
501.1

107  
499.8

113  
500.1

115  
500.9

22,792 sf

States Landing Road

PROPERTY LINE  
RIGHT-OF-WAY  
PER LAYOUT - SEE NOTE 4

RIGHT-OF-WAY AS  
SHOWN ON REFERENCE  
PLAN B - SEE NOTE 4

POST & RAIL FENCE

APPROXIMATE SHORELINE

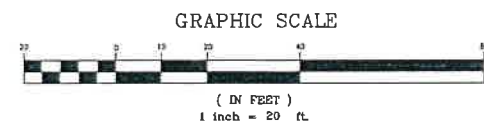
## Reference Plans:

- A) "Plan of Land of Elwin & Grace L. Taylor (Tax Map 87 Lot 84) States Landing Road, Moultonborough, Carroll County, NH"; last revised 5/01/01; by David M. Dolan Associates, P.C.
  - B) NH-DOT Project Number S-7590, Sheet 5 of 5; dated 1965-66; On file at NH-DOT, District 3, Gilford, NH.
- Additional Plans, as listed on Reference Plan "A" above, are incorporated herein by reference.

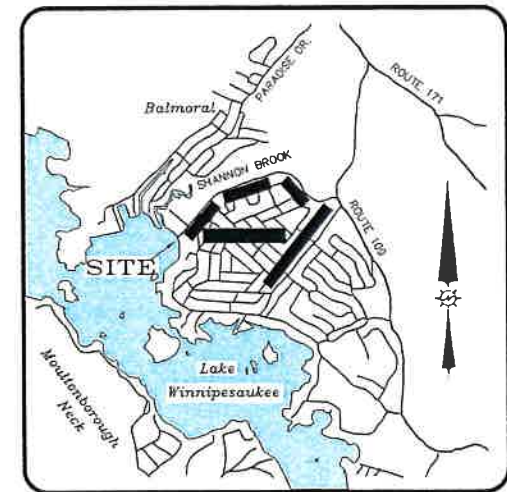
## Legend

- FOUND IRON PIPE
- FOUND IRON ROD
- FOUND NH HIGHWAY BOUND (CONCRETE)
- SHORELINE
- UTILITY POLE
- GUY POLE
- GUY WIRE ANCHOR
- O/U OVER HEAD UTILITIES
- EDGE OF GRAVEL
- EDGE OF PAVEMENT
- 102 501.0 POINT LOCATION ID NUMBER LAKE BOTTOM ELEVATION

Lake Winnepesaukee  
- Full Lake Elev = 504.32 -



| BENCH MARK INFORMATION |  |           |
|------------------------|--|-----------|
| NO.                    | DESCRIPTION  | ELEVATION |
| TBM #1                 | SET VERTICAL MAG NAIL IN BASE OF TWN 14"/12" MAPLE | 509.67'   |
| TBM #2                 | SET VERTICAL MAG NAIL IN BASE OF 10" OAK           | 514.57'   |



LOCUS  
(Not To Scale)

Hydrographic Survey  
Prepared for  
The Town of Moultonborough  
off of  
States Landing Road  
Moultonborough  
Carroll County, NH  
7 March 2014

| REVISIONS       |                  |                  |                |
|-----------------|------------------|------------------|----------------|
| NO.             | DATE             | DESCRIPTION      | BY             |
| PROJECT #14-003 | DWG NAME: 14-003 | DRAWN BY:EMK/DWJ | CHECKED BY:DWJ |



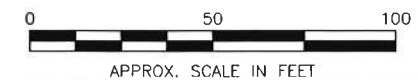
—DAVID M. DOLAN—  
**DOLAN ASSOCIATES, P.C.**  
**LAND SURVEYING**  
CONSULTING · PERMITTING

60 WHITTIER HIGHWAY, MOULTONBOROUGH, NH  
MAIL: PO BOX 1581, CENTER HARBOR, NH 03226  
TEL: 603-253-6011 FAX: 877-266-7779  
www.dolansurvey.com  
COPYRIGHT 2014 - DAVID M. DOLAN ASSOCIATES, P.C.

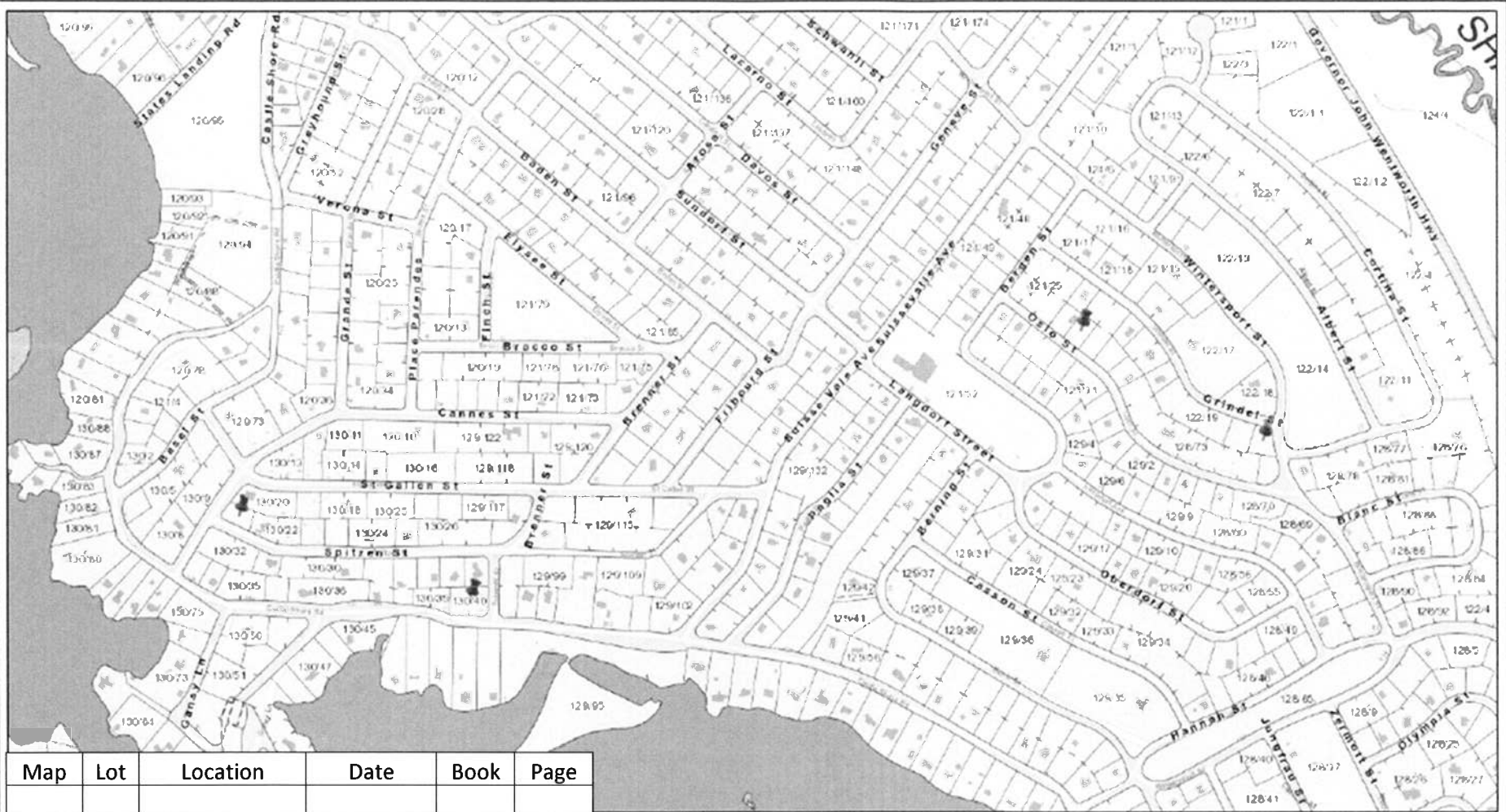




**PLAN VIEW**  
SCALE: 1" = 50'



| REVISIONS |      |    |             | <b>KV Partners</b><br>CONSULTING ENGINEERS | PO BOX 7721<br>GILFORD, NH 03247<br>TEL: (603) 513-1909 | PO BOX 432<br>NEW BOSTON, NH 03070<br>TEL: (603) 413-6550 | www.kvpllc.com | DATE: 09-29-13 |          | STATES LANDING BEACH<br>MOULTONBOROUGH, NEW HAMPSHIRE | SHEET NO.<br><b>1</b> |
|-----------|------|----|-------------|--|---|---|----------------|----------------|----------|---|-----------------------|
| NUMBER    | DATE | BY | DESCRIPTION |  |   |   |                | SCALE:         | 1" = 50' |   |                       |
|           |      |    |             |  |   |   |                | DESIGNED BY:   | RHK      | TRAILER PARKING LOT LAYOUT                            | SHEET 1 OF 1          |
|           |      |    |             |  |   |   |                | DRAWN BY:      | NMT      |   |                       |
|           |      |    |             |  |   |   |                | CHECKED BY:    | RHK      |   |                       |
|           |      |    |             |  |   |   |                | APPROVED BY:   | RHK      |   |                       |



| Map | Lot | Location        | Date       | Book | Page |
|-----|-----|-----------------|------------|------|------|
| 121 | 027 | Oslo Street     | 11/24/2009 | 2829 | 0140 |
| 128 | 075 | Grindel Street  | 12/5/2011  | 2965 | 0074 |
| 130 | 040 | Castle Shore Rd | 12/5/2011  | 2965 | 0076 |
| 130 | 21  | Spitzen Rd      | 12/4/2012  | 3043 | 306  |

Town Lands w/in Suissevale  
Moultonborough, NH  
1 inch = 400 Feet  
May 28, 2013

planning and informational purposes only. The Town of Moultonborough and Cartographic Associates, Inc. are not responsible for any use for other purposes or misuse or misrepresentation of